ABSTRACT

TABLE STYLES INFERENCE ENGINE

A table styles inference engine is described to determine the optimal body pattern to describe a user-created table. In order to achieve compatibility with existing table styles, an optimal uniform body pattern, an optimal row banding pattern and an optimal column banding pattern are determined. The user-defined table is analyzed assuming different uniform body patterns. The optimal uniform body pattern is then determined by determining the uniform body pattern that most closely matches the user-defined table. The user-defined table is also analyzed assuming different row banding body patterns. The optimal row banding body pattern is then determined by determining the row banding body pattern that most closely matches the user-defined table. The user-defined table is also analyzed assuming different column banding body patterns. The optimal column banding body pattern is then determined by determining the column banding body pattern that most closely matches the user-defined table. From these optimal body patterns, the closest match to the user-defined table is determined to be the overall optimal body pattern. The overall optimal body pattern is then saved as a table style.

M & G Docket No.: 60001.0014US01
MS No. 149490.1